Year 8 Learning Map

- NUMBER
- ALGEBRA
- RATIO & PROPORTION
- STATISTISTICS/PROBABILITY
- GEOMETRY & MEASURE

Reasoning with Data

Y9

- Statistical enquiries
- Graphs
- The Data Handling Cycle
- Averages from tables
- Measures of Location
- Mean, Median and Mode

Developing Geometry

SUMMER

- Compound Shapes
- Area of Circles
- Reflections
- Straight line graphs
- Trapeziums
- Area of Trapezia and Circles
- Line Symmetry and Reflection
- Angles in Parallel Lines and Polygons
- Quadrilaterals
- Calculations
- Constructions
- Interior/Exterior

Developing Number

- Standard Index Form
- Fractional/Negative Indices
- Rounding
- Number Sense
- Multipliers
- Fractions and Percentages
- BIDMAS
- Measurements
- Indices
- % Change
- FDP

Algebraic Techniques

SPRING

- Brackets, Equations and Inequalities
- Solving
- Factorising
- Sequences
- Nth Term
- Linear Graphs
- Gradient
- Sample Spaces
- Venn Diagrams
- Tables and Probability
- Working in the Cartesian Plane

Representations

- Representing Data
- Exchange Rates
- Scale Factors
- Direct Proportion
- Multiplicative Change
- Scatter Graphs
- Two Way Tables

Proportional Reasoning

Y7 | Y8 AUTUMN

- Simplifying Ratio's
- Ratio and Scale
- Sharing in a Ratio
- Algebraic Fractions
- Multiplying and Dividing Fractions
- Circumference of a Circle